

62

Nu

GILBERT L. SMITH & SONS NURSERY
R. D. 2. MILLERTON, N.Y.
FALL 1960 - SPRING 1961

We have some very good trees to offer for this fall and spring delivery.

LIBRARY
RECEIVED
★ FEB 16 1961
U.S. Department of Agriculture

Our supply of trees is still limited, due to the shortage of rootstocks, which in turn, was due to the damage to our rootstocks by the winter of 1958-59. We will have a much better supply of rootstocks for next spring grafting.

All orders will be filled in the order in which we receive them, so long as the supply of each variety lasts.

A NEW INTRODUCTION

Sold out - THE "BOWSER", A FABULOUS NEW EASTERN BLACK WALNUT.

This new variety is the result of plant breeding work by the late John Davidson.

According to tests conducted by the United States Department of Agriculture at the Beltsville Station.

Nuts 30 to 35 per pound. (This means medium size).
Kernel, 1st year crop 37.69%. 2nd year crop 37.8%.
1st year crop, 10 nuts, 38 whole quarters, 2 broken.
2nd year crop, 5 nuts, 18 whole quarters, 2 broken.
This shows a very thin shell with excellent cracking quality. Flavor of the kernel is excellent.

Very few of the other named varieties of eastern black walnut yield more than 30% kernel. None as high as 35% kernel.

The original tree of this variety is now owned by Mr. Homer G. Bowser of Xenia, Ohio. Mr. Bowser is not having the variety patented but he is controlling the propagating wood of the variety for as long as he can. This will be about five years.

We have propagated trees of the "Bowser" under an agreement with Mr. Bowser, whereby he receives \$2.00 for each tree we sell of the variety. We simply add this \$2.00 to the regular price we charge for our other varieties of grafted black walnut trees. Making the price for "Bowser" trees as follows:

Under 2 feet trees	\$4.00
2 - 3 feet "	4.50
3 - 4 feet "	5.00
4 - 5 feet "	5.50
Over 5 feet "	6.00

We have a small supply of "Bowser" nuts. We will send a sample of two nuts for 25¢ and issue with them, a credit slip that can be applied, at full value, on the purchase of one or more "Bowser" trees.

PERSIAN WALNUTS (ENGLISH WALNUT)

Most varieties of Persian walnuts, require a tree of another variety to pollinize it. This means that certain varieties should be planted together, see Pollination Chart on page 4. However, some varieties are self pollinizing, at least to a large extent. This will be stated in the description. We are listing the named varieties in the order in which we esteem them, with our present knowledge of them.

Sold out - MCKINSTER - A Crath Carpathian. We are placing this variety at the top because of the following reasons: It won first prize in the Northern Nut Growers Asscn. Contest of 1949-50 and third prize in the 1950-51 Contest. It is a large nut of excellent quality, the tree is a rapid grower, bears heavily and it is self pollinizing.

Sold out - HANSEN - This is not a Carpathian. We list it second for the following reasons: it won second prize in both N.N.G.A. Contests. It is a rather small nut but of very excellent quality, tree is a fast grower, bears well and may be self pollinizing, at least to some extent.

Sold out - METCALFE - A Crath Carpathian. While this variety won first prize in the N.N.G.A. Contest of 1950-51, we are listing it third because it has not borne very well for us, this may be due to lack of suitable pollinizer and may be corrected soon. Nut of medium size but of very excellent quality, tree is a rapid grower. It sheds pollen early but needs a medium late pollinizer.

ORTH - A Crath Carpathian. 6th prize in the N.N.G.A. Contest of 1950-51. A large nut of excellent quality, tree grows rapidly. As our graft of it is young, we do not know the pollen date for it, it needs a medium pollinizer. We do not know if it is self pollinizing.

S-5 - A Crath Carpathian. We have not named this variety as yet, but are listing it fifth for the following reasons: it is a very large nut of excellent quality, tree grows rapidly, bears heavily, and it is self pollinizing.

Sold out - MORRIS - A Crath Carpathian. 4th prize in the N.N.G.A. Contest of 1949-50 and 9th place in the 1950-51 Contest. A large nut of excellent quality, tree grows rapidly and bears well. Doubtful if it is self pollinizing but may be to some extent.

DEMING - A Crath Carpathian. 5th prize in the N.N.G.A. Contest of 1949-50. Not entered in the 1950-51 Contest. A large nut of excellent quality, tree grows rapidly, bears heavily and it is self pollinizing.

LITTLEPAGE - A Crath Carpathian. Our Patent No. 815. We place this variety eighth as it is not as good quality as the foregoing varieties. Tree is rapid growing, bears very heavily, nut is large and of good quality.

CLARENCE - A Crath Carpathian. We named this variety because it is an excellent medium late and late pollinizer. Tree grows rapidly, bears well, nut large and of very good quality. Should be a good pollinizer for Metcalfe.

Following are our unnamed varieties, these go by numbers. We will discontinue several of these so as to grow more of the named varieties. All are Crath Carpathians.

S-6 - Nut large, quality very good to excellent. Shells do not seal well, so would not make a good commercial variety unless marketed as shelled nut kernels. A good home variety.

S-7 - Nut very large, shell rather rough, very good quality.

S-17 - Nut small to medium size, fills very well, excellent quality. A good variety for regions where late spring frosts are a problem, as it leafs-out later than most Carpathians.

S-24 - Nut large, quality good. An excellent medium late and late pollinizer.

S-26 - Nut small to medium size, excellent quality.

S-29 - Nut large size, very good quality. An excellent medium late and late pollinizer.

S-31 - Nut small to medium size, excellent quality, fills very well. Tree very heavy bearer.

S-32 - Nut medium size, quality excellent. Honorable Mention in the N.N.G.A. Contest of 1949-50.

S-33 - Nut medium to large, quality very good.

S-35 - Nut medium to large, quality excellent. Needs late pollinizer.

S-38 - We have definitely established that this variety is the same as Deming.

S-41 - Nut large, quality good.

S-45 - Nut small to medium, quality excellent, fills exceptionally well. Another excellent variety for regions where late spring frosts are a problem, as it leafs-out late.

S-46 - Nut large size, quality very good to excellent.

S-57 - Nut small to medium size, fills very well, quality very good. Another of the late leafing varieties, good for planting where late spring frosts are a problem. Late in blooming, both staminate and pistillate, may be self pollinizing.

Following is a pollination chart for Persian walnuts. It is divided into two halves, the upper half being the staminate blossoming time and the lower half is the pistillate blossoming time. There are four columns, graduated from early on the left to late on the right. There are two or three days time elapse between each column. To use the chart, the varieties listed in the upper half, will pollinize the varieties listed in the lower half of the same column.

STAMINATE

<u>EARLY</u>	<u>MEDIUM EARLY</u>	<u>MEDIUM LATE</u>	<u>LATE</u>
Hansen	Broadview	Broadview	Caesar
Metcalf	Colby	Colby	S-17
Littlepage	Deming (S-38)	Deming (S-38)	S-22
Payne	Lancaster	Morris	S-24
S-6	McKinster	S-7	S-25
S-7	Morris	S-12	S-29
S-12	Payne	S-22	S-32
S-33	S-5	S-24	S-41
	S-6	S-25	S-45
	S-7	S-26	S-57
	S-12	S-29	
	S-22	S-31	
	S-31	S-33	
	S-35	S-41	

PISTILLATE

Caesar	Caesar	Deming (S-38)	Broadview
McKinster	Colby	Hansen	S-6
Morris	Deming (S-38)	Lancaster	S-7
Orth	Hansen	Littlepage	S-12
S-5	Littlepage	Metcalf	S-17
S-25	Orth	Payne	S-33
S-26	S-5	S-6	S-35
S-29	S-17	S-17	S-46
S-31	S-22	S-22	S-57
S-32	S-24	S-32	
	S-25	S-41	
	S-26	S-45	
	S-29	S-46	
	S-32	S-48	
	S-41	S-57	
	S-45		
	S-46		
	S-48		

HEARTNUTS

The heartnut is one of the most ornamental of the nut trees. The flavor of the nut is very much like that of the butternut. The varieties we offer, crack out nearly 100% whole half kernels, when properly dried.

FODERMAIER - Nut large size, cracks perfectly, quality very good. Tree not as hardy as the Wright variety.

GELLATLY - Nut medium size, cracks perfectly, quality very good.

Sold out - MARVEL - Result of crossing Fodermaier x Wright. Nut medium size, cracks perfectly, quality very good.

RIVAL - A sister variety of Marvel. Nut medium size, cracks perfectly when well dried, quality very good.

WRIGHT - Nut large size, cracks perfectly, quality very good. Tree most hardy of any of our heartnuts. But all our varieties will withstand -25° F. All have withstood -30° F. here.

FAUST - Nut large size, cracks perfectly, quality very good.

Wild butternut trees will pollinize heartnut trees, so in any region where the butternut grows wild, you do not need to worry about a pollinizer for heartnuts. However, Wright will pollinize Fodermaier, Marvel and Rival. We do not have blossoming dates on Gellatly and Faust.

BLACK WALNUTS

We were so short of rootstocks last spring that we did not graft many black walnuts.

Sold out - KROUSE - Nut large, cracks well, quality very good.

Sold out - PINECREST - Early, nut large, cracks well, quality very good.

Sold out - SNYDER - Early, nut large, cracks well, quality very good. 1st prize in New York-New England Contest of 1934. Retains foliage well in the fall.

Sold out - SPARROW - Early, nut medium size, cracks well, quality excellent. Our favorite variety except Bowser. Retains foliage well in the fall.

STAMBAUGH - Late, nut large, cracks well, quality excellent. 1st prize in the N.N.G.A. Contest of 1926. As grown here, it drops its leaves early in the fall, due to walnut anthracnose or leaf spot.

BUTTERNUT

LOVE - We have trees of only this one variety. We do not know very much about it, but it was good enough to be named.

HICKORY

There is no use of our listing varieties of hickory until we have been able to grow a supply of rootstocks to grafting size. All grafts we have been able to grow this year have gone to fill reservations.

CHINESE CHESTNUTS

We do not have any grafted trees of Chinese chestnut, but we have a fairly good supply of one year old seedling trees of a very good strain that is very resistant to the chestnut blight and to cold winters. It produces nuts of good size and quality, very much like our American chestnuts.

Prices of trees - 1 to 9 trees - 10 to 49 trees - over 50 trees
1 year Seedlings 50¢ each 40¢ each 30¢ each

PRICES OF GRAFTED TREESPERSIAN WALNUT, HEARTNUT AND BUTTERNUT TREES.

Under 2 ft trees	\$4.00 each
2 to 3 ft trees	\$4.50 "
3 to 4 ft trees	\$5.00 "
4 to 5 ft trees	\$5.50 "
Over 5 ft trees	\$6.00 "

BLACK WALNUT TREES

Under 2 ft trees	\$2.00 each
2 to 3 ft trees	\$2.50 "
3 to 4 ft trees	\$3.00 "
4 to 5 ft trees	\$3.50 "
Over 5 ft trees	\$4.00 "

HICKORY TREES

All grafted trees \$4.00 each

All prices are F.O.B. Millerton, New York or Canaan, Connecticut. Bundles that comply with the Parcel Post Regulations, will be sent by Parcel Post and we will bill for the postage or will deduct it from any refund due.

GRAFTING WOOD

We can supply grafting wood of most of the varieties of nut trees that we list. No Bowser black walnut or Colby Persian walnut wood available.

Price of Persian walnut and heartnut wood is 25¢ per foot.
Price of black walnut and hickory wood is 20¢ per foot.
One foot of wood will make three or four scions.

SEED NUTS OF THE CRATH CARPATHIAN STRAIN OF PERSIAN WALNUTS

We have a good supply of seed nuts of the Carpathians, for this season.

It is conservative to estimate that 90% of the trees grown from these seed nuts, will produce nuts of good quality, that are well worth growing. All the nuts, we offer, are from trees producing high quality nuts.

Our price for these seed nuts is \$1.00 per dozen. Each dozen sent will contain, at least four nuts of the prize winning varieties.

SPECIAL OFFER - We will send twelve nuts, all of the prize winning varieties, for \$2.00. These can be all McKinster, all Deming or any combination of these two varieties. Or we will include one nut each of the other prize winners, so long as the supply of each lasts. We have only a few nuts of these other varieties.

THE PRIZE WINNERS

McKinster - First prize in the N.N.G.A. Contest of 1949-50.
Third prize in the N.N.G.A. Contest of 1950-51.
A large nut of very excellent quality.
Pollinizers - Metcalfe, S-5 or self.

Metcalfe - First prize in the N.N.G.A. Contest of 1950-51.
A medium size nut of very excellent quality.
Pollinizers - Hansen, Littlepage, Morris, Deming.

Hansen - Second prize in both Contests, 1949-50 and 1950-51.
A small nut of very excellent quality.
Pollinizers - Metcalfe, Littlepage, Morris or self.

Morris - Fourth prize in the N.N.G.A. Contest of 1949-50.
Ninth place in the N.N.G.A. Contest of 1950-51.
A large nut of very excellent quality.
Pollinizers - Metcalfe, Littlepage, Hansen.

Deming - Fifth prize in the N.N.G.A. Contest of 1949-50.
Not entered in the 1950-51 Contest.
A large nut of very excellent quality.
Pollinizers - Open pollinized at Wassaic State School.

S-5 - This variety has never been entered in any contest, so has never won a prize. However, it is up there with the best of them.

A large nut of very excellent quality.

Pollinizers - McKinster, Metcalfe or self.

Note - By pollinizers we mean the varieties that could have pollinized the nuts we are offering.

Trees grown from these nuts will be seedlings. They will not be of the same variety as the tree from which the nut came. Each will be a new variety. Some of these seedlings will bear nuts that are inferior to the parent variety, some will produce nuts that are of comparable quality and some may produce nuts that are superior to the parent.

If there are to be better varieties grown than the ones we now have, they will be produced by planting nuts, such as the ones we offer. That is, nuts of superior varieties that have been pollinized by other superior varieties.

Persian walnuts do not need to be stratified through the winter, in fact, it is better not to, as they may rot. Just store dry and follow the instructions sent with the nuts.

THE PRIZE WINNERS

McKinster - First prize in the W.N.G.A. Contest of 1949-50.
Third prize in the W.N.G.A. Contest of 1950-51.
A large nut of very excellent quality.
Pollinizers - Metcalfe, S-5 or self.

Metcalfe - First prize in the W.N.G.A. Contest of 1950-51.
A medium size nut of very excellent quality.
Pollinizers - Hansen, Littlepage, Morris, Deming.

Hansen - Second prize in both Contests, 1949-50 and 1950-51.
A small nut of very excellent quality.
Pollinizers - Metcalfe, Littlepage, Morris or self.

Morris - Fourth prize in the W.N.G.A. Contest of 1949-50.
Ninth place in the W.N.G.A. Contest of 1950-51.
A large nut of very excellent quality.
Pollinizers - Metcalfe, Littlepage, Hansen.

Deming - Fifth prize in the W.N.G.A. Contest of 1949-50.
Not entered in the 1950-51 Contest.
A large nut of very excellent quality.
Pollinizers - Open/pollinized at Wassala State School.